United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: October 11, 2001

Mr. Robert C. Ridgway
Environmental Office
Federal Research Center at White Oak
10903 New Hampshire Avenue
Silver Spring, MD 20903-1069

Dear Mr. Ridgway:

On September 11, 2001, USDA Forest Service personnel conducted a gypsy moth egg mass survey at the Federal Research Center at White Oak. The purpose of the survey was to determine gypsy moth population densities and to assess the potential for defoliation and the need for treatment in 2002.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40th acre fixed radius plot was established. The plots consisted of a tally of all the new (2001) egg masses observed on the overstory trees, understory vegetation, ground litter and duff. The total number of egg masses observed for each plot was multiplied by 40 to determine the number of egg masses per acre.

The location of the survey plots are shown in Figure 1. In brief, egg mass densities ranged from 0-240 and averaged 33 egg masses per acre (Table 1). Since no noticeable defoliation is expected from this low but building gypsy moth population, treatment is not recommended in 2002.

Please call Rod Whiteman at (304) 285-1555 if you have any questions regarding this egg mass survey.

Sincerely,

Edward T. Cesa

EDWARD T. CESA
Acting Field Representative
Morgantown Field Office

Enclosures

cc: Robert Tichenor, MDA
Sally Hughes, MDA
Betsie Handley, MDA
Noel Schneeberger, AO

ETC/RLW/blm

Table 1.—Gypsy moth egg mass survey results at the Federal Research Center at White Oak, September 11, 2001

Plot number	Number of egg masses per acre
1	40
2	0
3	240
4	0
5	0
6	40
7	40
8	0
9	0
10	0
11	0

em/acre range = 0-240
em /acre average = 33

Figure 1.-- Gypsy moth egg mass plot locations at the Federal Research Center at White Oak, September 11, 2001.